

SECRET

OXC-1788

14 June 1961

25X1A

25X1A

Attention:

Gentlemen:

25X1A

Amendment No. 5 to your Subcontract No. 005 with

25X1A

is approved for issuance under Task Order

25X1A

No. 5 to Contract No.

Very truly yours,

25X1A

Contracting Officer

25X1A

CS/DPD-DD/P

Distribution:

Orig -

25X1A

2 - CS/DPD

T.O. 5 A & I w/OXC-1796

25X1A

3 - FIN/DPD

4 - RI/DPD

SECRET

0xc-1796
COPY 1 OF 1

STATINTL



S-20,166

Copy 1 of 3

June 6, 1961

STATINTL



Contracting Officer
Washington, D. C.

STATINTL

Dear



STATINTL

STATINTL

Under Subcontract 005, is currently working on microwave switches for use in discharging a travelling wave resonator. This Subcontract was initially let under Contract Task Order No. 1 and subsequently transferred to Task Order No. 5. has now substantially completed its initial undertakings. However, their investigations have disclosed certain modifications and techniques applicable to such switches which may greatly improve their power handling capacity and recovery time. These techniques involve filling the switches with gas under pressure and the use of light as a trigger mechanism in lieu of an arc.

STATINTL

STATINTL

STATINTL

STATINTL

The estimated additional cost will be including fixed fee. The estimated time of performance will extend from 1 June until 31 October. The present Contract provides a cost ceiling of and a fixed fee of

STATINTL

STATINTL

A copy of the proposed Subcontract is enclosed. The extension and increase in funds has been approved by your technical representative. May I have your approval of the Subcontract Amendment as submitted.

Best regards,

STATINTL

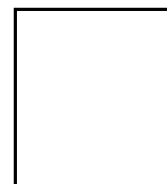


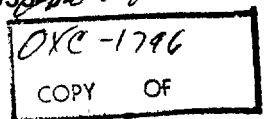
STATINTL

STATINTL



Enclosure





STATINTL

PRIME CONTRACT: [REDACTED]

SUBCONTRACT: 005 Amendment No. 5

STATINTL

STATINTL

This agreement entered into as of the first day of June

1961 by and between [REDACTED] herein-STATINTL

STATINTL

after called [REDACTED] and [REDACTED]

[REDACTED] hereinafter called [REDACTED] STATINTL

WITNESSETH THAT

STATINTL

WHEREAS, [REDACTED] desires [REDACTED] to continue and extend its work on microwave switches under Subcontract 005, and STATINTL

STATINTL

WHEREAS, [REDACTED] is willing so to do,

NOW, THEREFORE, in consideration of the premises and other valuable consideration, the parties hereto agree further to amend said Subcontract as follows:

(1.) Article 1 A. of said Subcontract 005 as amended is further amended by adding thereto the following subparagraphs:

10. Investigate the properties of gases, mixtures thereof and suitable pressure levels to improve the recovery and de-ionization time in certain microwave switches.

11. Fabricate sealed switches containing the optimum fill mixture and optimum fill pressure determined as a result of work under Subparagraph 10 above.

12. Perform limited life studies within available power levels to determine fill gas stability, corrosive effects and electrode wear.

Emul #1
OXC-1796
COPY OF
trigger

13. Investigate the feasibility of simultaneously triggering two switches by means of a light pulse including, without limitation, development of shielded, minimum R.F. loss light sources which can be inserted into a double switch assembly.

(2.) Article 2 is hereby amended to read as follows:
"The period of performance of work hereunder shall commence 1 February 1960 and shall end 31 October 1961."

STATINTL (3.) Article 3 is hereby amended to read as follows:
"The total estimated cost of work and services hereunder is which together with a fixed fee in the amount of makes a total of This amount may be changed by mutual agreement expressed in writing or as provided in Article 5 hereof.

STATINTL (4.) Article 4 A.2 is hereby amended by deleting the figure and inserting in lieu thereof STATINTL

(5.) Except as amended by this Amendment No. 5 all other terms and conditions of Subcontract 005 as amended shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals as of the date first above written. STATINTL

DATE: _____

DATE: _____

BY _____